

CLAIMS

I claim:

- 1 1. A method to detect the presence or absence of an input number in a pre-defined
2 list of valid numbers, and to return an index into the predefined list if the number
3 is present in the list.

- 1 2. Extensions of the method to handle variations in the pre-defined list. Extensions
2 include, but are not limited to, allowing for sets of numbers in each element of the
3 list.